



Docket No.: 879A.0023.U1(US)

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

**A METHOD FOR SAVING POWER IN A WIRELESS TERMINAL AND A
TERMINAL**

the specification of which:

(check one) ☐ is attached hereto.

☒ was filed on April 8, 2004 as U.S. Application Serial No. 10/821,106, and was amended on April 8, 2004 (if applicable).

☐ was described and claimed in PCT International Application Number filed on _____ and

☐ as amended under PCT Article 19 on _____ (if any) and/or

☐ as amended under PCT Article 34 as published in the Annex(es) to the International Preliminary Examination Report (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

20030660
(Number)

Finland
(Country)

May 2, 2003
(Day/Mon/Year Filed)

☒ Yes ☐ No

03396116.0
(Number)

Europe
(Country)

December 22, 2003
(Day/Mon/Year Filed)

☒ Yes ☐ No

FULL NAME OF INVENTOR:	LAST NAME Viitamäki	FIRST NAME Marko	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Hanhitie 17 F B 12, FIN-90150 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kesti	FIRST NAME Heikki	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Valtatie 7 as 10, FIN-90500 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nisula	FIRST NAME Timo	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Merikoskenkatu 7 as 8, FIN-90500 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kainulainen	FIRST NAME Marko	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Tiilitie 4 d 41, FIN-90650 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Rosberg	FIRST NAME Kristian	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Tuulimyllynkatu 11 B 3, FIN-90140 Oulu, Finland**

Signature Kristian Rosberg

Date 13. July. 2004

FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Antti	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Vihirannantie 5 A 8, FIN-90460 Oulunsalo, Finland**

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FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Harri	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Kallenranta 8, FIN-90460 Oulunsalo, Finland**

Signature _____

Date _____

FULL NAME OF INVENTOR:	LAST NAME Vallström	FIRST NAME Jari	MIDDLE NAME
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FULL NAME OF INVENTOR:	LAST NAME Kallio	FIRST NAME Janne	MIDDLE NAME J.
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Pattijoki, Finland	CITIZENSHIP Finland
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Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Maarala	FIRST NAME Mika	MIDDLE NAME
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POST OFFICE ADDRESS: **Tiedonkaari 8 A 9, FIN-90570 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nybacka	FIRST NAME Kai	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Ii, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Tikkasenskaari 5, FIN-91100 Ii, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Väänänen	FIRST NAME Juha	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Kiiminki, Finland	CITIZENSHIP Finland
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(Application Serial No.)

(Filing Date)

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(Filing Date)

(Status)

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith:

Brian T. Rivers	Reg. No. 41,270
Steven Shaw	Reg. No. 39,368
Arjun Krishnan	Reg. No. 55,347
Thomas R. Weber	Reg. No. 41,547
Wayne DeMello	Reg. No. 48,601

And all attorneys associated with Customer No.: **29,683**

SEND CORRESPONDENCE TO:

Customer No. 29,683

DIRECT TELEPHONE CALLS TO:

Harry F. Smith
Telephone: (203) 925-9400
Facsimile: (203) 944-0245

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POST OFFICE ADDRESS: **Hanhitie 17 F B 12, FIN-90150 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kesti	FIRST NAME Heikki	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **Valtatie 7 as 10, FIN-90500 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nisula	FIRST NAME Timo	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **Merikoskenkatu 7 as 8, FIN-90500 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kainulainen	FIRST NAME Marko	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **Tiilitie 4 d 41, FIN-90650 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Rosberg	FIRST NAME Kristian	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Tuulimylynkatu 11 B 3, FIN-90140 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Antti	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Vihirannantie 5 A 8, FIN-90460 Oulunsalo, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Harri	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Kallenranta 8, FIN-90460 Oulunsalo, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Vallström	FIRST NAME Jari	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Puulinnankatu 10 B 18, FIN-90570 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kallio	FIRST NAME Janne	MIDDLE NAME J.
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Pattijoki, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Heinäkuja 10, FIN-92140 Pattijoki, Finland**

Signature *Janne Kallio*

Date 5th of August 2004

FULL NAME OF INVENTOR:	LAST NAME Maarala	FIRST NAME Mika	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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Steven Shaw	Reg. No. 39,368
Arjun Krishnan	Reg. No. 55,347
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POST OFFICE ADDRESS: **Hanhitie 17 F B 12, FIN-90150 Oulu, Finland**

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FULL NAME OF INVENTOR:	LAST NAME Kesti	FIRST NAME Heikki	MIDDLE NAME
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FULL NAME OF INVENTOR:	LAST NAME Nisula	FIRST NAME Timo	MIDDLE NAME
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POST OFFICE ADDRESS: **Tiilitie 4 d 41, FIN-90650 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Rosberg	FIRST NAME Kristian	MIDDLE NAME
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POST OFFICE ADDRESS: **Tuulimyllynkatu 11 B 3, FIN-90140 Oulu, Finland**

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FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Antti	MIDDLE NAME
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FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Harri	MIDDLE NAME
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POST OFFICE ADDRESS: **Kallenranta 8, FIN-90460 Oulunsalo, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Vallström	FIRST NAME Jari	MIDDLE NAME
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POST OFFICE ADDRESS: **Puulinnankatu 10 B 18, FIN-90570 Oulu, Finland**

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POST OFFICE ADDRESS: **Heinäkuja 10, FIN-92140 Pattijoki, Finland**

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FULL NAME OF INVENTOR:	LAST NAME Maarala	FIRST NAME Mika	MIDDLE NAME
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POST OFFICE ADDRESS: **Tiedonkaari 8 A 9, FIN-90570 Oulu, Finland**

Signature  _____ Date 13.8.2004

FULL NAME OF INVENTOR:	LAST NAME Nybacka	FIRST NAME Kai	MIDDLE NAME
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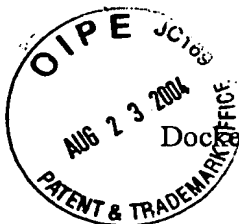
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FULL NAME OF INVENTOR:	LAST NAME Väänänen	FIRST NAME Juha	MIDDLE NAME
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POST OFFICE ADDRESS: **Hanhitie 17 F B 12, FIN-90150 Oulu, Finland**

Signature *Marko Viitamäki* Date 9.8.2004

FULL NAME OF INVENTOR:	LAST NAME Kesti	FIRST NAME Heikki	MIDDLE NAME
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POST OFFICE ADDRESS: **Valtatie 7 as 10, FIN-90500 Oulu, Finland**

Signature *Heikki Kesti* Date 9.8.2004

FULL NAME OF INVENTOR:	LAST NAME Nisula	FIRST NAME Timo	MIDDLE NAME
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Signature *Timo Nisula* Date 9.8.2004

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POST OFFICE ADDRESS: **Tiilitie 4 d 41, FIN-90650 Oulu, Finland**

Signature *Marko Kainulainen* Date 9.8.2004

FULL NAME
OF INVENTOR:

LAST NAME
Rosberg

FIRST NAME
Kristian

MIDDLE NAME

RESIDENCE &
CITIZENSHIP:

CITY & STATE OR COUNTRY
Oulu, Finland

CITIZENSHIP
Finland

POST OFFICE ADDRESS:

Tuulimyllynkatu 11 B 3, FIN-90140 Oulu, Finland

Signature _____

Date _____

FULL NAME
OF INVENTOR:

LAST NAME
Lilja

FIRST NAME
Antti

MIDDLE NAME

RESIDENCE &
CITIZENSHIP:

CITY & STATE OR COUNTRY
Oulunsalo, Finland

CITIZENSHIP
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Signature _____

Date _____

FULL NAME
OF INVENTOR:

LAST NAME
Lilja

FIRST NAME
Harri

MIDDLE NAME

RESIDENCE &
CITIZENSHIP:

CITY & STATE OR COUNTRY
Oulunsalo, Finland

CITIZENSHIP
Finland

POST OFFICE ADDRESS:

Kallenranta 8, FIN-90460 Oulunsalo, Finland

Signature 

Date AUGUST 9th 2004

FULL NAME
OF INVENTOR:

LAST NAME
Vallström

FIRST NAME
Jari

MIDDLE NAME

RESIDENCE &
CITIZENSHIP:

CITY & STATE OR COUNTRY
Oulu, Finland

CITIZENSHIP
Finland

POST OFFICE ADDRESS:

Puulinnankatu 10 B 18, FIN-90570 Oulu, Finland

Signature 

Date AUGUST 9, 2004

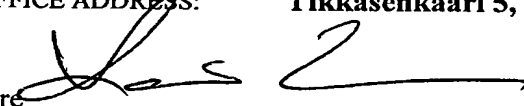
FULL NAME OF INVENTOR:	LAST NAME Kallio	FIRST NAME Janne	MIDDLE NAME J.
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Pattijoki, Finland		CITIZENSHIP Finland
POST OFFICE ADDRESS: Heinäkuja 10, FIN-92140 Pattijoki, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Maarala	FIRST NAME Mika	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland		CITIZENSHIP Finland
POST OFFICE ADDRESS: Tiedonkaari 8 A 9, FIN-90570 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nybacka	FIRST NAME Kai	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Ii, Finland		CITIZENSHIP Finland
POST OFFICE ADDRESS: Tikkasenkaari 5, FIN-91100 Ii, Finland			

Signature  Date 9.8.2004

FULL NAME OF INVENTOR:	LAST NAME Väänänen	FIRST NAME Juha	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Kiiminki, Finland		CITIZENSHIP Finland
POST OFFICE ADDRESS: Karjalaisentie 13, FIN-90900 Kiiminki, Finland			

Signature _____ Date _____



ocket No.: 879A.0023.U1(US)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

A METHOD FOR SAVING POWER IN A WIRELESS TERMINAL AND A TERMINAL

the specification of which:

(check one) ☐ is attached hereto.

☒ was filed on April 8, 2004 as U.S. Application Serial No. 10/821,106, and was amended on April 8, 2004 (if applicable).

☐ was described and claimed in PCT International Application Number filed on _____ and

☐ as amended under PCT Article 19 on _____ (if any) and/or

☐ as amended under PCT Article 34 as published in the Annex(es) to the International Preliminary Examination Report (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

20030660
(Number)

Finland
(Country)

May 2, 2003
(Day/Mon/Year Filed)

☒ Yes ☐ No

03396116.0
(Number)

Europe
(Country)

December 22, 2003
(Day/Mon/Year Filed)

☒ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of the United States provisional patent application(s) listed below:

(Application Serial No.) (Filing Date)

I hereby claim benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.) (Filing Date) (Status)

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith:

Brian T. Rivers	Reg. No. 41,270
Steven Shaw	Reg. No. 39,368
Arjun Krishnan	Reg. No. 55,347
Thomas R. Weber	Reg. No. 41,547
Wayne DeMello	Reg. No. 48,601

And all attorneys associated with Customer No.: **29,683**

SEND CORRESPONDENCE TO:

Customer No. 29,683

DIRECT TELEPHONE CALLS TO:

Harry F. Smith
Telephone: (203) 925-9400
Facsimile: (203) 944-0245

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR:	LAST NAME Viitamäki	FIRST NAME Marko	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Hanhitie 17 F B 12, FIN-90150 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kesti	FIRST NAME Heikki	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Valtatie 7 as 10, FIN-90500 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nisula	FIRST NAME Timo	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Merikoskenkatu 7 as 8, FIN-90500 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kainulainen	FIRST NAME Marko	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Tiilitie 4 d 41, FIN-90650 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Rosberg	FIRST NAME Kristian	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Tuulimyllynkatu 11 B 3, FIN-90140 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Antti	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Vihirannantie 5 A 8, FIN-90460 Oulunsalo, Finland			

Signature  _____ Date 3.8.2004

FULL NAME OF INVENTOR:	LAST NAME Lilja	FIRST NAME Harri	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulunsalo, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Kallenranta 8, FIN-90460 Oulunsalo, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Vallström	FIRST NAME Jari	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland	
POST OFFICE ADDRESS: Puulinnankatu 10 B 18, FIN-90570 Oulu, Finland			

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Kallio	FIRST NAME Janne	MIDDLE NAME J.
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Pattijoki, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Heinäkuja 10, FIN-92140 Pattijoki, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Maarala	FIRST NAME Mika	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Oulu, Finland	CITIZENSHIP Finland
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POST OFFICE ADDRESS: **Tiedonkaari 8 A 9, FIN-90570 Oulu, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Nybacka	FIRST NAME Kai	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Ii, Finland	CITIZENSHIP Finland
-----------------------------	---	-------------------------------

POST OFFICE ADDRESS: **Tikkasenkaari 5, FIN-91100 Ii, Finland**

Signature _____ Date _____

FULL NAME OF INVENTOR:	LAST NAME Väänänen	FIRST NAME Juha	MIDDLE NAME
---------------------------	------------------------------	---------------------------	-------------

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Kiiminki, Finland	CITIZENSHIP Finland
-----------------------------	---	-------------------------------

POST OFFICE ADDRESS: **Karjalaisentie 13, FIN-90900 Kiiminki, Finland**

Signature  Date 3.8.2004